Peak District National Park

Forecast valid from 00:00 on Tuesday 17 May 2022 until 23:59 on Wednesday 18 May 2022

Forecast Issued on Monday 16 May 2022 at 16:08

Confidence: High for warm but changeable conditions over the coming days. Lower confidence throughout in the detail and timings of rain.

Headline for Tuesday 17 May 2022: Fine and warm by day but some rain possible into the evening.

Mountain weather hazards on Tuesday 17 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny	Sunny	Sunny intervals	Sunny intervals	Light rain showers	Heavy rain showers (night)
Precipitation probability							
<05%	00%	00%	00%	00%	<05%	40%	80%

Forecast for Tuesday 17 May 2022

Weather: Early mist and low cloud patches soon clearing to leave a fine, dry day, with sunny spells. Feeling warm in the sunshine. However, cloud will increase into the afternoon, with outbreaks of rain and freshening winds by the evening.

Chance of cloud-free hill tops above 600m: 80% chance at first, increasing to 100% by midday.

Low cloud and visibility: Occasional low cloud likely during the early hours, between around 100-400m, with poor visibilities in association. Some early mist is also possible in the valleys where skies stay clear. Low cloud will lift quickly into the morning however, with bases into the afternoon and evening remaining well above summits and generally good or very good visibility outside of any late drops in evening rain.

Forecast for Tuesday 17 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 SW	14/20 S	13/20 S	13/18 S	14/21 S	17/24 S	21/30 SE	21/30 S	18/25 SW
300	8/14 S	9/15 S	10/16 S	11/16 S	13/20 S	14/22 S	17/27 SE	14/23 S	12/20 SW
Valley	4/13 S	4/15 S	5/13 SE	8/15 S	10/19 S	11/21 S	12/27 SE	10/22 SW	8/19 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/6	10/7	12/9	14/12	16/13	16/12	13/9	10/7
300	12/11	12/10	11/10	14/12	17/14	19/16	19/15	15/12	12/10
Valley	12/11	11/10	12/11	16/14	18/16	20/18	19/17	15/14	13/11
Freezing Level*	1800m	1800m	2800m	2300m	2200m	2700m	3000m	3000m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be high during any sunny spells and sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 16 May 2022	7.4mm	8.4mm	8.4mm

Forecast for Wednesday 18 May 2022

Weather: Tuesday evenings showers likely clearing to leave dry night and another fine, dry and warm day on Wednesday. A further band of showery rain moves northeast into the evening however, perhaps heavy at times with thunder possible.

Maximum wind: South-southwesterly 15-20mph gusting 30mph possible into the evening.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Some very isolated low cloud possible to start the morning but cloud bases generally above summits with good visibility through much of the day.

Temperature: **Valleys:** Plus 9 Celsius, becoming Plus 19 Celsius.
At 600m: Plus 9 Celsius, becoming Plus 16 Celsius.
Freezing level: Above the summits.